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## Patent Abstracts of Japan

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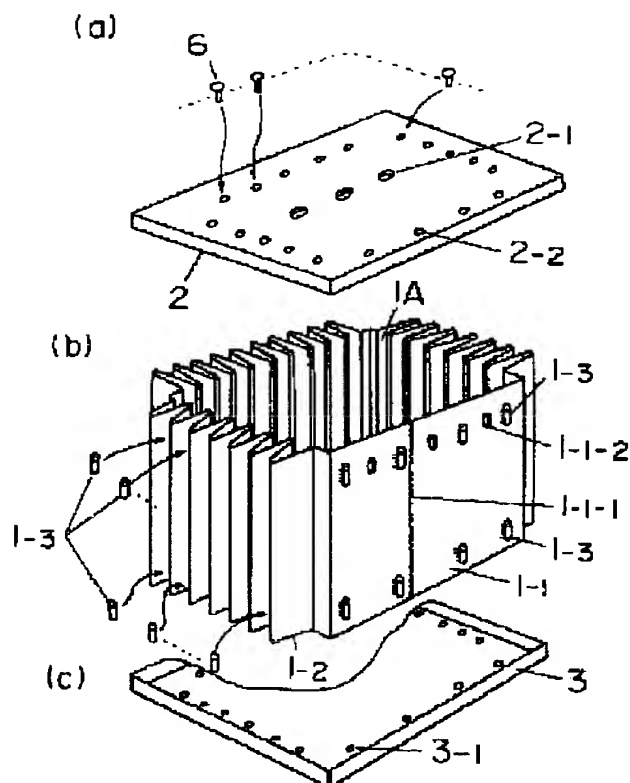
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TITLE : CASE OF OIL-IMMERSED  
TRANSFORMER AND MANUFACTURE  
THEREOF



ABSTRACT : PROBLEM TO BE SOLVED: To enable the case of an oil-immersed transformer to be manufactured very easily with the least welding by a method, wherein a cylindrical case is provided with a corrugated heat radiating surface as a side face that extends from the upper edge to the lower edge of the case, a cover is provided to the upper edge face of the case, and a base plate is provided to the lower edge face.

SOLUTION: A case 1 is provided with three corrugated heat radiating sides 1-2 which are formed by bending a thin steel plate into wavy forms and a flat side 1-1 which is formed in one piece with the other three sides 1-2 and where bushing insulators are mounted, and the case 1 is welded along a weld line 1-1-1 which extends on the flat side 1-1 in a vertical direction to be formed into a cube. Then, a cover 2 and a base plate 3 are each formed larger than the maximum dimensions of the cylindrical case 1 to be with enough to cover all the edge face of the case 1, and primary bushing insulator mounting holes 2-1 and fastening bolt holes 2-2 are provided to the cover 2. On the other hand, base plate fastening bolt holes 3-1 are provided to the base plate 3.

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